

CLAIMS

- 1 1. An inspect lure and trap system, comprising:
 - 2 a valve that receives a gaseous fuel, and provides a regulated flow of gaseous fuel;
 - 3 means responsive to said regulated flow of gaseous fuel, for generating carbon dioxide to
 - 4 attract insects to a predetermined region;
 - 5 means for generating airflow that forces insects within the predetermined region into a
 - 6 container;
 - 7 a temperature sensor that senses the temperature of the carbon dioxide and provides a
 - 8 carbon dioxide temperature signal indicative thereof; and
 - 9 means responsive to said carbon dioxide temperature signal, for generating a valve
 - 10 command signal that regulates said valve.
- 11
- 12 2. The inspect lure and trap system of claim 1, wherein said means for generating a valve
- 13 command signal comprises
 - 14 means for comparing said carbon dioxide temperature signal value against a temperature
 - 15 reference signal value, and if said carbon dioxide temperature signal value is below said
 - 16 temperature reference signal, for providing said valve command signal to open said valve, and if
 - 17 and carbon dioxide temperature signal value is above said temperature reference signal, for
 - 18 providing said valve command signal to close said valve.